

## ELECTRONIC INFORMATION DISCLOSURE STATEMENT


Electronic Version v18

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Title of Invention	High Capacity and High Rate Batteries																																																																																																																					
<p>Application Number: 10/624226</p> <p>Confirmation Number: 6964</p> <p>First Named Applicant: Dania Ghantous</p> <p>Attorney Docket Number: 3132.02US02</p> <p>Search string: ( 3406228 or 3483110 or 4048290 or 4548798 or 4830940 or 4964877 or 5039452 or 5053580 or 5160664 or 5221453 or 5298349 or 5389472 or 5427763 or 5435874 or 5453261 or 5458997 or 5498494 or 5516340 or 5543249 or 5545496 or 5545497 or 5549880 or 5558680 or 5571640 or 4246327 or 5580683 or 5639577 or 5670276 or 5695892 or 5766797 or 5770126 or 5955218 or 6027827 or 6096447 or 6106798 or 6130005 or 5952125 ).pn.</p> <p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>3406228</td><td>1968-10-15</td><td>Hardy et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>3483110</td><td>1969-12-09</td><td>G.A. Rozgonyi</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>3</td><td>4048290</td><td>1977-09-13</td><td>Lee</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>4</td><td>4548798</td><td>1985-10-22</td><td>Rice</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>5</td><td>4830940</td><td>1989-05-16</td><td>Keister et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>6</td><td>4964877</td><td>1990-10-23</td><td>Keister et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>7</td><td>5039452</td><td>1991-08-13</td><td>Thompson et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>8</td><td>5053580</td><td>1991-10-01</td><td>Schramm et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>9</td><td>5160664</td><td>1992-11-03</td><td>Liu</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>10</td><td>5221453</td><td>1993-06-22</td><td>Crespi</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>11</td><td>5298349</td><td>1994-03-29</td><td>Takeuchi</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>12</td><td>5389472</td><td>1995-02-14</td><td>Takeuchi et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>13</td><td>5427763</td><td>1995-06-27</td><td>Lawton et al.</td><td></td><td></td><td></td></tr></tbody></table>							init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	3406228	1968-10-15	Hardy et al.				<input checked="" type="checkbox"/>	2	3483110	1969-12-09	G.A. Rozgonyi				<input checked="" type="checkbox"/>	3	4048290	1977-09-13	Lee				<input checked="" type="checkbox"/>	4	4548798	1985-10-22	Rice				<input checked="" type="checkbox"/>	5	4830940	1989-05-16	Keister et al.				<input checked="" type="checkbox"/>	6	4964877	1990-10-23	Keister et al.				<input checked="" type="checkbox"/>	7	5039452	1991-08-13	Thompson et al.				<input checked="" type="checkbox"/>	8	5053580	1991-10-01	Schramm et al.				<input checked="" type="checkbox"/>	9	5160664	1992-11-03	Liu				<input checked="" type="checkbox"/>	10	5221453	1993-06-22	Crespi				<input checked="" type="checkbox"/>	11	5298349	1994-03-29	Takeuchi				<input checked="" type="checkbox"/>	12	5389472	1995-02-14	Takeuchi et al.				<input checked="" type="checkbox"/>	13	5427763	1995-06-27	Lawton et al.			
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<input checked="" type="checkbox"/>	33	6027827	2000-02-22	Gan et al.
<input checked="" type="checkbox"/>	34	6096447	2000-08-01	Gan et al.
<input checked="" type="checkbox"/>	35	6106798	2000-08-22	Kambe et al.
<input checked="" type="checkbox"/>	36	6130005	2000-10-10	Crespi et al.
<input checked="" type="checkbox"/>	37	5952125	1999-09-14	Bi et al.

Signature

Examiner Name	Date
	12-5-06

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i> Application Number: 10/624,226 Filing Date: July 28, 2003 First Named Inventor: GHANTOUS et al. Art Unit: <del>Unknown</del> 1745 Examiner Name: <del>Unknown</del> J. MAPES Attorney Docket Number: 3132.02US02	
Sheet 1 of 1					

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FOREIGN PATENT DOCUMENTS					
EXAMINER INITIAL <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> <i>(if known)</i>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
J		0 638 946 A2	07/1994	EPO	
J		0 689 256 A1	06/1995	EPO	
J		WO 99/04441	01/1999	PCT	
J		WO 00/46867	08/2000	PCT	

NON PATENT LITERATURE DOCUMENTS			
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J		MUSCI et al., "Laser Synthesis of Vanadium-Titanium Oxide Catalysts," J. Mater., Res., Vol. 7, No. 10, pp. 2846-2852, October 1992.	
J		UGAJI et al., "Evaluation of A New Type of Vanadium Oxide from Peroxo-polyvanadate as a Cathode Material for Rechargeable Lithium Batteries," J. Electrochem. Soc., Vol. 142, No. 11, pp. 3664-3668, November 1995,.	
J		HIBINO et al., "Preparation and Lithium Intercalation of a New Vanadium Oxide with a Two-Dimensional Structure," Solid State Ionics 79, pp. 239-244, 1995. (no month)	
J		Copy of the International Search Report (PCT/US03/22741) from corresponding PCT application dated 01 December 2003 (8 pages).	

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